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347 Madison Avenue  
NEW YORK CITY

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Sprayers, Garden Tools, etc.

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"Easy-Pull" Manure Spreaders,  
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**WHEELBARROW**

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**McWhorter**

Lime and Fertilizer Distributors,  
Potato Planters, Seed Drills

**Clear-Land**

Plows, Corn Huskers, and small  
farm implements

**Acme**

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Cultivators, Weeders

*District Sales Headquarters:*

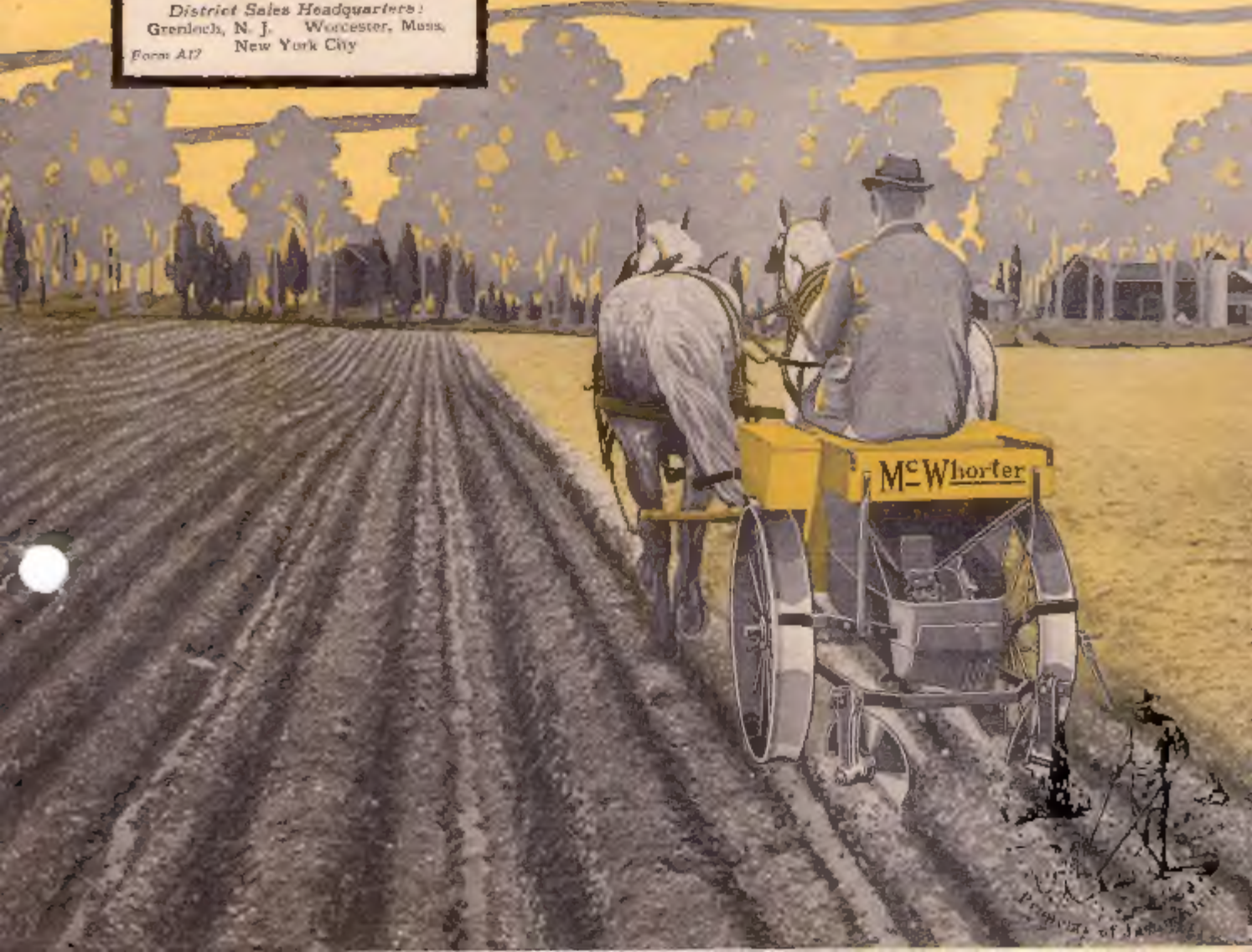
Greene, N. J. Worcester, Mass.  
New York City

Form A17

# McWhorter

## Automatic

# Potato Planter





BATEMAN AND

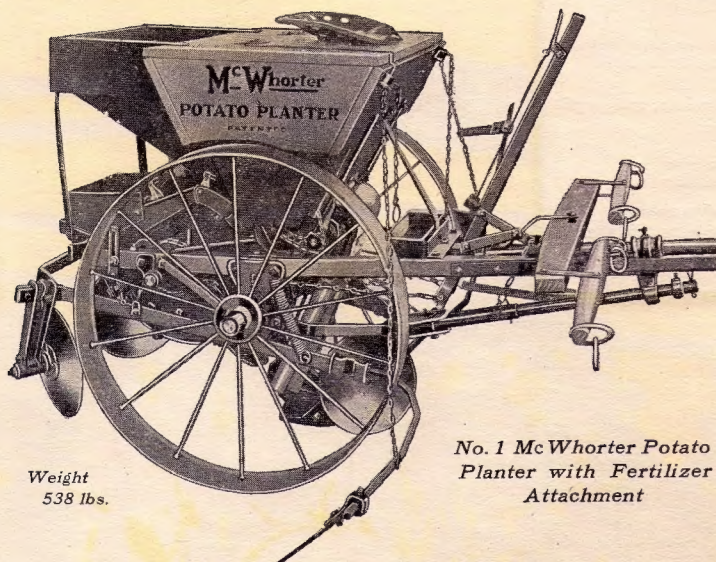
McWhorter

COMPANIES, Inc.

NEW YORK CITY

84 YEARS IN BUSINESS

## McWhorter Automatic One-Man Potato Planter



Weight  
538 lbs.

No. 1 McWhorter Potato  
Planter with Fertilizer  
Attachment

**I**N these days of rigid economy, when the keeping down of farm operating costs is imperative, careful planting is a necessity. The waste of seed in planting doubles, and the labor cost in cultivating and spraying missed hills, rapidly overbalances what would otherwise be a profitable crop. Two pieces in a hill result in potatoes that are too small, while plants with a skipped hill in between have a tendency to produce potatoes that are too large for good, even grading.

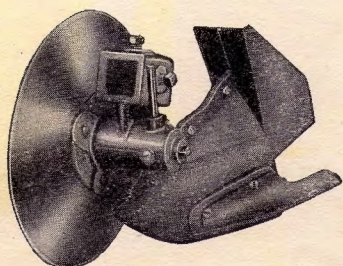
Potato growers realize that perfect planting, regularity of spacing, and uniform depth are necessary for the greatest production per acre, and because of these facts, the McWhorter Automatic Potato Planter immediately finds favor wherever introduced.

The machines listed in this booklet show clearly the immense importance of specialization. Every feature helpful to better, faster planting has been developed to the utmost. All details of the work, such as opening

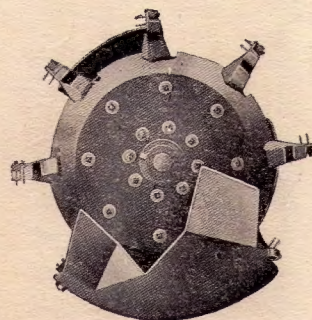
the furrow, accurately planting the seed-piece, covering, listing and marking have been worked out to the last detail. On the No. 1 machine, which also spreads and mixes the fertilizer with the soil at the time of planting, the designers already had at hand the best fertilizer distributor known, the McWhorter, which they easily adapted to use on this machine.

The operation of the McWhorter Potato Planter is controlled by one lever, from the driver's seat. This lever lowers the front disc and the opening shoe, and starts the seeder and the fertilizer distributor.

The opening disc throws the dirt on one side, but the moldboard on the opening



Opening Disc and Shoe, showing  
Moldboard



Picker Wheel. Note the picker  
points

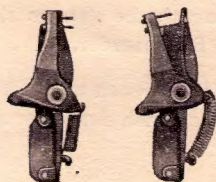


## McWhorter Automatic One-Man Potato Planter—Continued

shoe pulls part of it back again. Should the disc strike an obstruction or a stone, *it rises and rides over it* lifting the opening shoe out of the way at the same time. This motion is taken up by a spring, and the opening disc *does not lift the weight of the entire machine.*

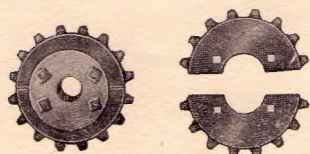
The seed passes from the hopper down the agitator chute, and is fed into a narrow groove in the rear of the picker wheel. Here the picker points take up one piece of seed at a time, and carry it around to a point above the dropping chute. A cam now operates to cause a positive release, and the seed drops down the chute into a V-shaped furrow. It will not roll or bounce out, no matter what the speed of the team. The hills are in a straight line, and the spacing is *absolutely uniform.* This means a great saving of labor in the work of cultivating, spraying and digging.

The fertilizer attachment permits the fertilizer to be sown at the same time the seed is planted. This is a big saving in time and labor. The fertilizer passes down the rubber spouts and is thoroughly mixed with the soil by the opening device.



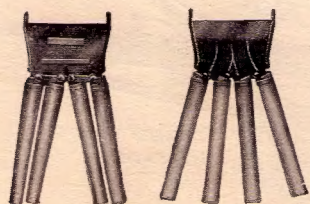
**Picker Arms**

*Closed position. Ready to pick up seed*



**Split Sprockets**

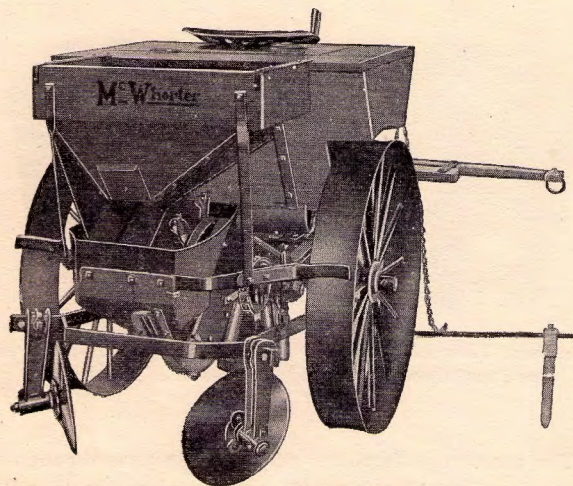
*For spacing distance between the seed*



**Rubber Fertilizer Spouts**

*Front view,  
in position for  
side dressing*

*Rear view  
in position for  
broadcasting*



*Rear View of Planter, showing  
Adjustable Covering Discs*

The depth of planting is controlled by a collar adjustment of the opening shoe. The rear discs can be set for wide or narrow hilling. Seed may be spaced at distances of 10, 12, 14 or 16 inches. A separate split sprocket is supplied for each of these distances. The sprocket is held in place by four bolts, and is easily accessible for quick changing.

The seed hopper has a capacity of over a bushel, and the fertilizer hopper will hold a sack of 167 pounds.

The potato and fertilizer boxes are of wood; all other parts are of steel, giving strength and lightness. The machine is perfectly balanced, and there is no neckweight on the team. The wheels are of steel, with wide concave rims. The machine weighs 538 pounds.

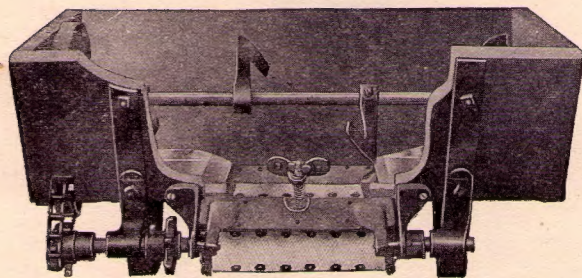
Repairing of the picker wheel is a simple operation. Should one of the points become bent, or it be necessary to remove an arm from the wheel, it can be done in a few minutes. Ordinarily, a break means a tear-down. On the McWhorter, it is only necessary to remove a small plate on one side of the picker wheel, and the arm can be removed without trouble.

**SIDE DRESSING AND RIDGING.** The McWhorter Planter can be used for making a second application of fertilizer, covering it, and ridging the rows, all at the same time. For this work, the fertilizer spouts are divided, two being placed on each side of the row, and the rear discs are set at the desired width and depth. The opening plow can be quickly and easily removed.

**ROW MAKER.** The McWhorter Potato Planter can also be used as a row maker for tomatoes, sweet potatoes, and various other crops. This machine will open its own furrow in prepared ground, sow the fertilizer and mix it thoroughly with the soil as it covers it, making up the list and marking the next row, all in one operation. Hills can be ridged high, medium or flat as desired.



## McWhorter Automatic One-Man Potato Planter—*Continued*



*Sectional View of Fertilizer Hopper, showing Belt Force Feed and Opening Gate. Note ease of regulation*

### Fertilizer Attachment

THE Fertilizer Attachment on the McWhorter Potato Planter is of the same construction as that used in the well-known line of McWhorter Lime and Fertilizer Distributers.

The most prominent feature of this distributor is the McWhorter Force Feed Belt, plainly shown in the sectional view of the fertilizer hopper. This belt carries the fertilizer, *in a broad, thin sheet*, under the adjustable gate in front, at which point the fertilizer drops to the ground through the rubber distribution spouts.

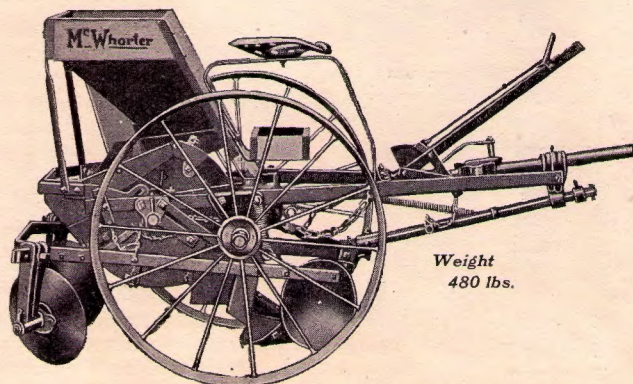
The amount of fertilizer permitted to pass through the gate is regulated by a single thumbscrew adjustment. Here is a feed that is at all times positive, in that it cannot be clogged, the belt being a revolving bottom to the hopper, too wide to permit damp fertilizer to bridge over it. No lumps can pass beneath the gate to clog up the spouts. The rivets on the belt act as drags, cutting and grinding the lumps into fine powder.

The belt is of heavy canvas, reinforced with steel cross bars attached to sprocket chains on each side. The canvas is firmly riveted to this frame work. All parts of the machine that come in contact with fertilizer are easily accessible for cleaning.

The Adjustable Spouts are made of rubber, eliminating breakage, bending or rusting in that very important part of the distributor. As shown in the illustration, each spout is movable, and can be adjusted to any desired position.

## No. 2 McWhorter Potato Planter

THE No. 2 McWhorter Automatic Potato Planter is identical in size and construction with the No. 1 machine except that the Fertilizer Distributer Attachment is omitted. It is controlled by one lever from the driver's seat, and the operation, from the ground opening device, the separation and handling of the seed, down to the placing in the furrow and covering, is the same as the No. 1 machine. The absence of fertilizing machinery, of course, makes the No. 2 Planter lower in price. The weight of the machine is 480 pounds.



Weight  
480 lbs.

*No. 2 McWhorter Planter, without Fertilizer Attachment*